

IN THE CLAIMS:

1.-34. (Cancelled)

35. (Currently amended) Procedure for refractive laser surgery on a target object (14),
comprising the following steps:

(a) producing ~~such that~~ a femtosecond-pulse_(fs-pulse) laser beam ~~is produced~~
using a first laser beam source (3) ~~and~~

(b) producing a UV laser beam ~~is produced~~ using a second laser beam source (4),
and ~~and such that the~~

(c) directing the fs-pulse laser beam and the UV laser beam ~~are directed~~ across a
shared scanner device (13) for scanning onto the target object;

wherein the fs-pulse laser beam travels along one optical path from one optical output
(7) to the shared scanner device (13), ~~by the fact that~~ the UV laser beam travels along
a second optical path from a second optical output (9) to the shared scanner
device(13), and ~~by the fact that~~ in doing so, the fs-pulse laser beam and the UV laser
beam travel at least partially along a shared part of the first and second optical paths
(11) due to an overlap between the first optical path and the second optical path;
and wherein the fs-pulse laser beam and the UV laser beam are guided with the aid of
an optical guidance mechanism of the scanner device (13).

36. (Cancelled)

37. (Currently amended) Procedure as per claim 35, ~~wherein~~ further comprising locking
the fs-pulse laser beam emitted from the first optical output (7) and/or the UV laser
beam emitted from the second optical output (9) ~~are locked~~ into a shared part of the
first and second optical paths (11) with the aid of an optical component (10).

38. (Cancelled)

39. (Previously presented) Procedure as per claim 35, wherein the first laser beam source (3) and the second laser beam source (4) are integrated into a laser beam device (1) with a single optical output, such that the fs-pulse laser beam and the UV laser beam are emitted from the single optical output of the laser beam device (1).
40. (Previously presented) Procedure as per claim 35, wherein the first laser beam source (3) and the second laser beam source (4) are optically pumped with a shared pumped light source (18).
41. (Currently amended) Procedure as per claim 35, ~~wherein~~ comprising cutting a slice of the cornea of the eye by means of the fs-pulse laser beam and performing an eyesight correction operation ~~is performed~~ by means of the UV laser beam.
42. (Currently amended) Procedure as per claim 35, ~~wherein the~~ comprising scanning of the target object (14) ~~is performed~~ with the aid of ~~the~~ a tracking device (16) connected to the shared-scanner device (13) for the purpose of tracking a movement of the target object (14).